



Electronic Filing System (EFS) Data

Electronic Patent Application Submission

USPTO Use Only

EFS ID: 56511
Application ID: 10612241 

Title of Invention: MULTI-LEVEL MICROCHANNEL
HEAT EXCHANGERS

First Named Inventor: James Lovette

Domestic/Foreign Application: Domestic Application

Filing Date: 2003-07-01

Effective Receipt Date: 2004-03-03

Submission Type: Information Disclosure
Statement

Filing Type:

Confirmation number: 3319

Attorney Docket Number: NONE

Total Fees Authorized:

Digital Certificate Holder: cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US
Certificate Message Digest: 7935792988f52b4e56cec0410aa44db51b9a0747



TRANSMITTAL

Electronic Version v1.1
Stylesheet Version v1.1.0

| | | |
|---|--|----------------|
| Title of Invention | MULTI-LEVEL MICROCHANNEL HEAT EXCHANGERS | |
| Application Number: | 10/612241  | |
| Date: | 2003-07-01 | |
| First Named Applicant: | James Lovette | |
| Confirmation Number: | 3319 | |
| Attorney Docket Number: | | |
| <p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> | | |
| <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p> | | |
| Submitted by: | Elec. Sign. | Sign. Capacity |
| Thomas B. Haverstock Registered Number: 32571 | /tbh/ | Attorney |
| Documents being submitted us-ids | Files COOL01400B-usidst.xml us-ids.dtd us-ids.xsl | |
| Comments | | |



ELECTRONIC INFORMATION DISCLOSURE STATEMENT.

Electronic Version v18

Stylesheet Version v18.0

| Title of Invention | MULTI-LEVEL MICROCHANNEL HEAT EXCHANGERS | | | | | | |
|---|--|------------|------------|------------------|------|-------|----------|
| Application Number: | 10/612241  | | | | | | |
| Confirmation Number: | 3319 | | | | | | |
| First Named Applicant: | James Lovette | | | | | | |
| Attorney Docket Number: | | | | | | | |
| Search string: | (5727618 or 5774779 or 5800690 or 5801442 or 5835345 or 5858188 or 5863708 or 5870823 or 5880524 or 5874795 or 5901037 or 5936192 or 5964092 or 5965001 or 5997713 or 5998240 or 6007309 or 6054034 or 6068752 or 6090251 or 6096656 or 6100541 or 6101715 or 6126723 or 6129145 or 6131650 or 6146103 or 6159353 or 6174675 or 6176962 or 6186660 or 6210986 or 6216343 or 6221226 or 6234240 or 6238538 or 6301109 or 6313992 or 6317326 or 6321791 or 6322753 or 6324058 or 6337794 or 6351384 or 6415860 or 6417060 or 6388317 or 6400012 or 6406605 or 6424531).pn. | | | | | | |
| US Patent Documents | | | | | | | |
| Note: Applicant is not required to submit a paper copy of cited US Patent Documents | | | | | | | |
| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
| | 1 | 5727618 | 1998-03-17 | Mundinger et al. | | | |
| | 2 | 5774779 | 1998-06-30 | Tuchinskiy | | | |
| | 3 | 5800690 | 1998-09-01 | Chow et al. | | | |
| | 4 | 5801442 | 1998-09-01 | Hamilton et al. | | | |
| | 5 | 5835345 | 1998-11-10 | Staskus et al. | | | |
| | 6 | 5858188 | 1999-01-12 | Soane et al. | | | |
| | 7 | 5863708 | 1999-01-26 | Zanzucchi et al. | | | |
| | 8 | 5870823 | 1999-02-16 | Bezama et al. | | | |
| | 9 | 5880524 | 1999-03-09 | Xie | | | |
| | 10 | 5874795 | 1999-02-23 | Sakamoto | | | |
| | 11 | 5901037 | 1999-05-04 | Hamilton et al. | | | |

| | | | | |
|----|---------|------------|--------------------|----|
| 12 | 5936192 | 1999-08-10 | Tauchi | |
| 13 | 5964092 | 1999-10-12 | Tozuka et al. | |
| 14 | 5965001 | 1999-10-12 | Chow et al. | |
| 15 | 5997713 | 1999-12-07 | Beetz, Jr. et al. | |
| 16 | 5998240 | 1999-12-07 | Hamilton et al. | |
| 17 | 6007309 | 1999-12-28 | Hartley | |
| 18 | 6054034 | 2000-04-25 | Soane et al. | |
| 19 | 6068752 | 2000-05-30 | Dubrow et al. | |
| 20 | 6090251 | 2000-07-18 | Sundberg et al. | |
| 21 | 6096656 | 2000-08-01 | Matzke et al. | |
| 22 | 6100541 | 2000-08-08 | Nagle et al. | |
| 23 | 6101715 | 2000-08-15 | Fuesser et al. | |
| 24 | 6126723 | 2000-10-03 | Drost et al. | |
| 25 | 6129145 | 2000-10-10 | Yamamoto et al. | |
| 26 | 6131650 | 2000-10-17 | North et al. | |
| 27 | 6146103 | 2000-11-14 | Lee et al. | |
| 28 | 6159353 | 2000-12-12 | West et al. | |
| 29 | 6174675 | 2001-01-16 | Chow et al. | B1 |
| 30 | 6176962 | 2001-01-23 | Soane et al. | B1 |
| 31 | 6186660 | 2001-02-13 | Kopf-Sill et al. | B1 |
| 32 | 6210986 | 2001-04-03 | Arnold et al. | B1 |
| 33 | 6216343 | 2001-04-17 | Leland et al. | B1 |
| 34 | 6221226 | 2001-04-24 | Kopf-Sill | B1 |
| 35 | 6234240 | 2001-05-22 | Cheon | B1 |
| 36 | 6238538 | 2001-05-29 | Parce et al. | B1 |
| 37 | 6301109 | 2001-10-09 | Chu et al. | B1 |
| 38 | 6313992 | 2001-11-06 | Hildebrandt | B1 |
| 39 | 6317326 | 2001-11-13 | Vogel et al. | B1 |
| 40 | 6321791 | 2001-11-27 | Chow | B1 |
| 41 | 6322753 | 2001-11-27 | Lindberg et al. | B1 |
| 42 | 6324058 | 2001-11-27 | Hsiao | B1 |
| 43 | 6337794 | 2002-01-08 | Agonafer et al. | B1 |
| 44 | 6351384 | 2002-02-26 | Daikoku et al. | B1 |
| 45 | 6415860 | 2002-07-09 | Kelly et al. | B1 |
| 46 | 6417060 | 2002-07-09 | Tavkhelidze et al. | B1 |
| 47 | 6388317 | 2002-05-14 | Reese | B1 |

| | | | | |
|----|---------|------------|---------------|----|
| 48 | 6400012 | 2002-06-04 | Miller et al. | B1 |
| 49 | 6406605 | 2002-06-18 | Moles | B1 |
| 50 | 6424531 | 2002-07-23 | Bhatti et al. | B1 |

Signature

| | |
|---------------|------|
| Examiner Name | Date |
| | |